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EAST GERMANY/VP-SEE Research Institutes**ADVANCED REPORT FOR NAVY USE ONLY**

ISS (INSTITUT FÜR SCHIFFBAUTECHNIK WOLGAST) formerly the ZKB (ZENTRALES KONSTRUKTIONSBÜRO) now headed by KLEWITZ, WERNER does all shipbuilding design for VP-SEE. Strong effort is being made to keep KLEWITZ in East Germany. The NHI (NAUTISCH-HYDROGRAPHISCHES INSTITUT) which was dissolved in 1955 had conducted research work for VP-SEE. A model basin is located at Marquardt near Berlin where ISS conducts towing test. WFBG Berlin also conducted research for east german armed forces. Some research projects were undertaken as work towards a doctors degree by individuals when plants were unwilling to accept the work. These were called "Studentwurf".

1. INSTITUT FÜR SCHIFFBAUTECHNIK WOLGAST at WOLGAST.

The former ZENTRALES KONSTRUKTIONSBÜRO (ZKB) at WOLGAST, (headed by late Herr SCHLAACK) has been renamed INSTITUT FÜR SCHIFFBAUTECHNIK WOLGAST (ISS). Herr KLEWITZ, Werner, is now in charge since Herr SCHLAACK's death. ISS did all the shipbuilding design and planning for VP-SEE. It is subordinate to Captain RACHEMANN, chief of VP-SEE shipbuilding department at ROSTOCK. VP-SEE made all efforts to keep KLEWITZ in the SOVIET. His monthly income was about 3,500 gross (about 2,400 net) East DM. A new residence, the cost which will run up to about 100,000 East DM was being built for him on FREEDOM Island.

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2. NAUTISCH-HYDROGRAPHISCHES INSTITUT.

The NAUTISCH-HYDROGRAPHISCHES INSTITUT (NHI) existed up to 1955. It had been part of SEENHYDROGRAPHISCHER DIENST (SHD) and, hence, was part of VP-SER. It had been located at FRIEDRICHSHAGEN near BERLIN. The institute proper was dissolved in 1955 and the facilities taken over by INSTITUT FÜR KERNPHYSIK which is under MAT FÜR TECHNIK. NHI had conducted research work for VP-SER.

3. MARQUARDT model basin.

A model basin is located in or near MARQUARDT (about 9 KM SW of POTSDAM). It is assumed to be located at the site of a former WASSERBAU-VERSUCHSANT. The model basin was headed by an Oberingenieur HENSCHKE. Operations in the model basin began in early 1955 since which time Herr KLEWITZ of I.S.W. has conducted towing tests there. The basin proper is about 100 meter long. Ship models tested there had been made out of wood by ISW at WOLGAST. They were towed and had no machinery installed. For 1956 continued operation of the basin proper and the addition of a circular pond was planned. It is not known whether funds had been approved for this.

4. W.T.B.G.

The W.T.B.G., full name WISSENSCHAFTLICH-TECHNISCHES BÜRO GEBÄUDEBAU, conducted research projects for SOVIET government and armed forces. It is located on Hohenzollern Bahnhofstrasse near the OSTBAHN subway station in Berlin.

5. "Studienentwurf".

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This term, applied several times [redacted] is herewith explained. Whenever no plant was willing to take on a certain research project, a "Studienentwurf", also referred to as "Studienaufgabe", was conducted. This meant one or more engineers of one of the plants originally selected for the work took over the designing and developing mostly when they were anxious to qualify for a doctor's degree or the like. The engineers received every possible assistance from their plant and funds approved for the project in question were spent the same way as if the plant proper had done the designing and developing.

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